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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 14-06-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Road Development and asphalting works at Singapura Paradise roads in Ward No 11(kuvempunagara)}.
Ref.: Letter No. Testing/BUB/2015-16, dated 12-06-2015
Name of the Agency/Contractor* : Mr. N.Keerthi, Contractor,BBMP, Bangalore.
Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	97.10	95-100
26.5	---	-
22.4	70.60	60-80
11.2	53.00	40-60
4.750	36.00	25-40
2.360	24.10	15-30
0.600	19.00	8-22
0.075	5.20	0-8

*As Furnished by Client.
The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

14/06/2015
Dr. MANJESH .L
ME (Civil Engg) Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

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Phone Off: 080-22961935 / 1946
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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 26-06-2015

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Road Development and asphalting works at Singapura Paradise roads in Ward No 11(kuvempunagara)}.

Ref.: Letter No. Testing/BUB/2015-16, dated 23-06-2015

Name of the Agency/Contractor* : Mr. N.Keerthi, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS :

7. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.09 %**
8. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**97.20**	90—100
4.75	**46.20**	35—51
2.36	**30.00**	24—39
1.18	**21.30**	15—30
0.3	**17.00**	09—19
0.075	**4.90**	03—08

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

25/06/2015

Dr. MANJESH .L
ME (Civil Engg). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com